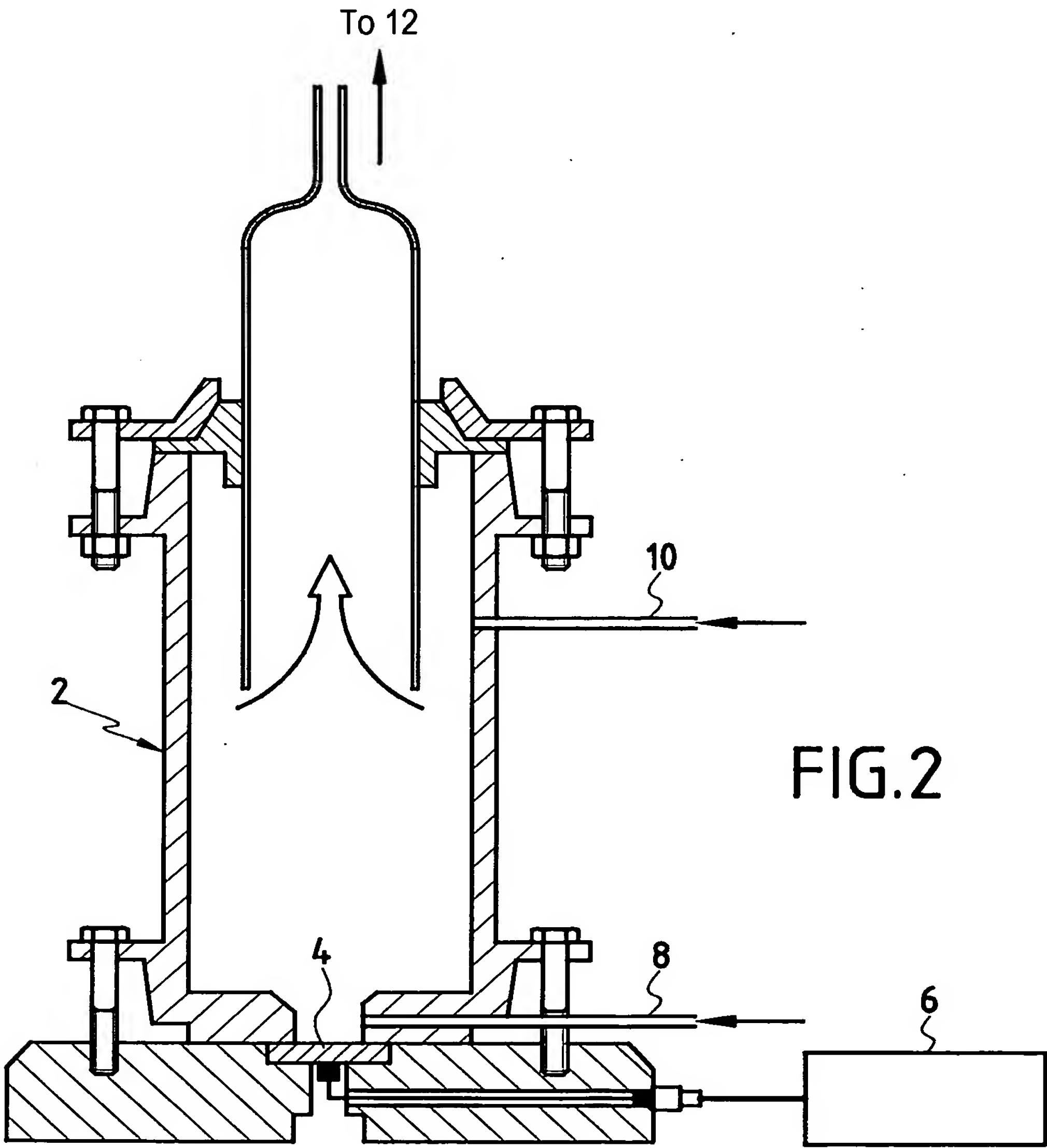


	Composition in terms of elements (% by weight)							Composition in terms of equivalent compounds (% by weight)					
	Y	Al	Si	C	N	O	H	Y <sub>2</sub> O <sub>3</sub>	Al <sub>2</sub> O <sub>3</sub>	Si <sub>3</sub> N <sub>4</sub>	SiC	SiO <sub>2</sub>	C <sub>free</sub>
Nanopowder A	2.9	0.7	57.1	9.7	22.4	6.5	0.7	3.7	1.3	56.5	27.3	9.6	1.6
Nanopowder B	1.4	1.6	42.5	32.5	10.8	11.2	-	1.8	3.0	27.2	25.6	17.6	24.8

FIG.1



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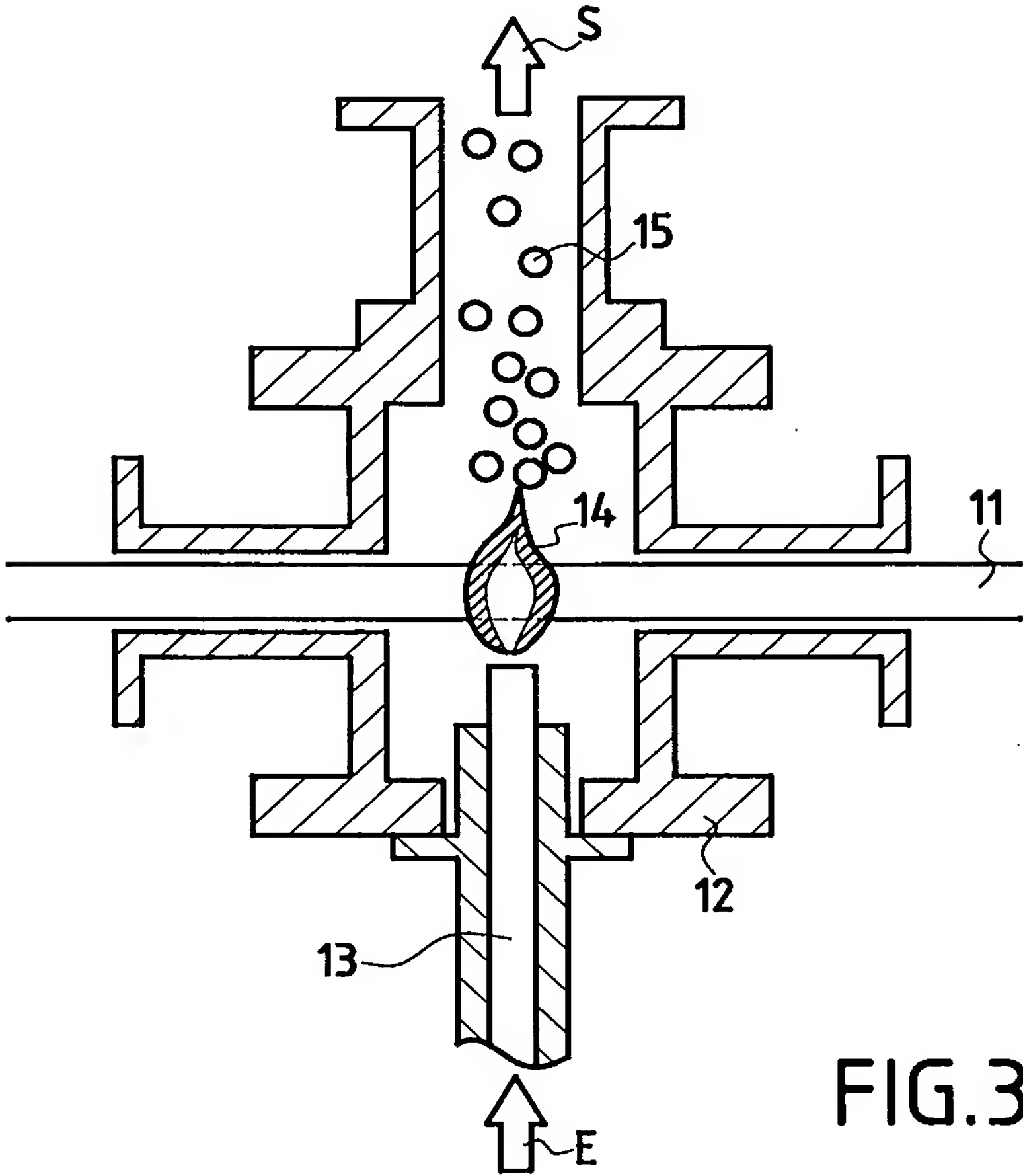
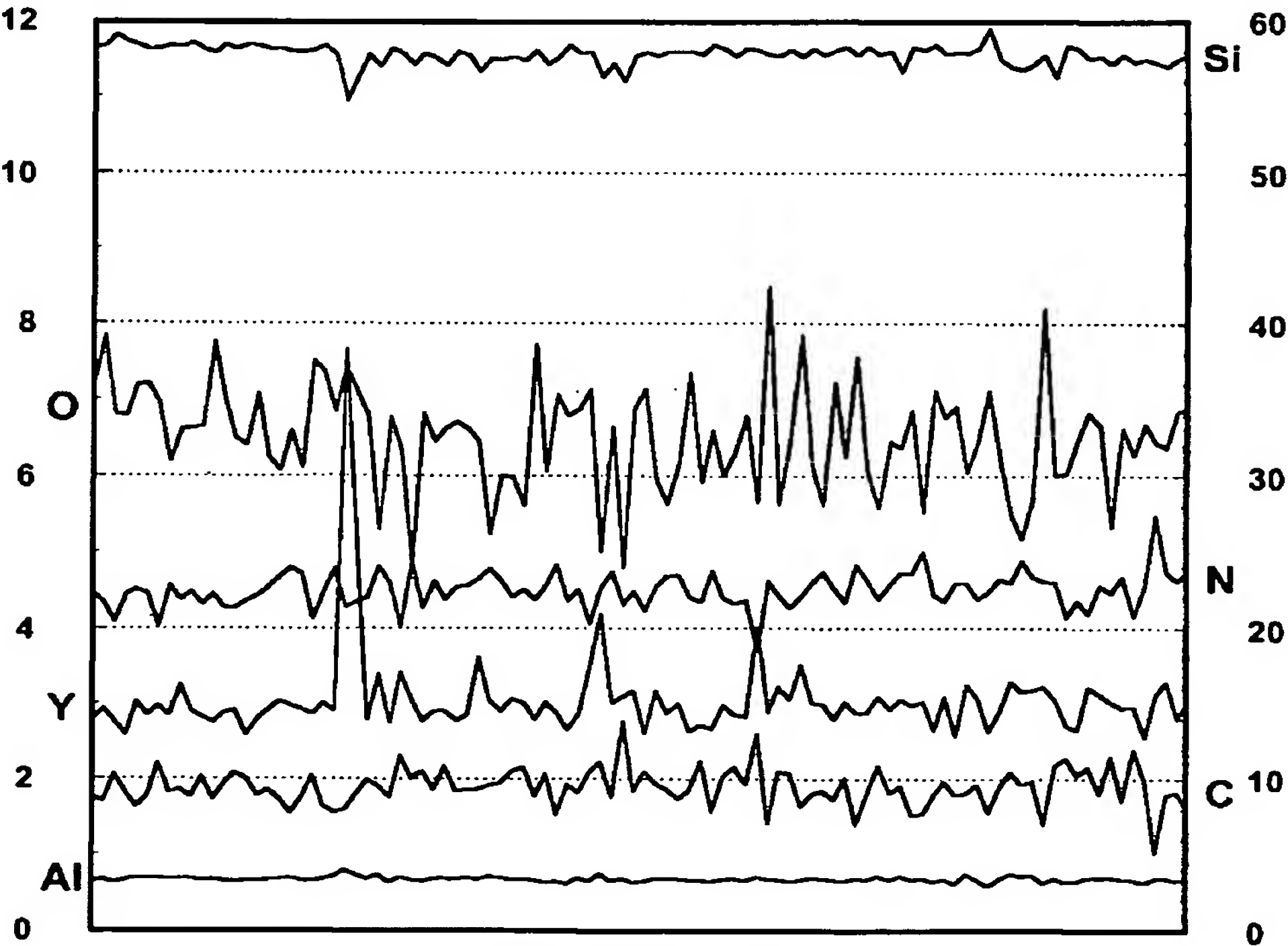


FIG.3

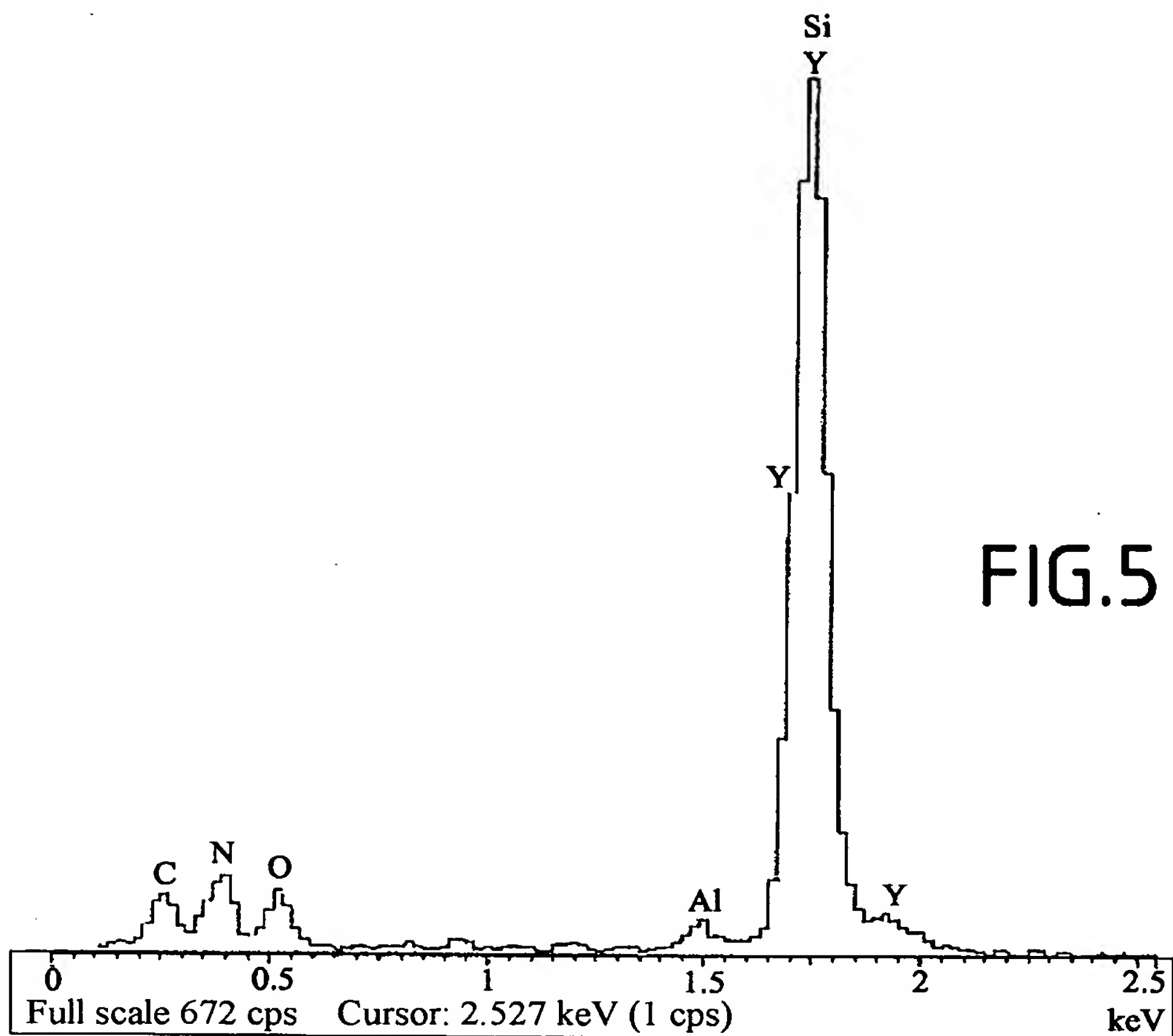
% by weight



100 analysis points

FIG.4

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% of theoretical density

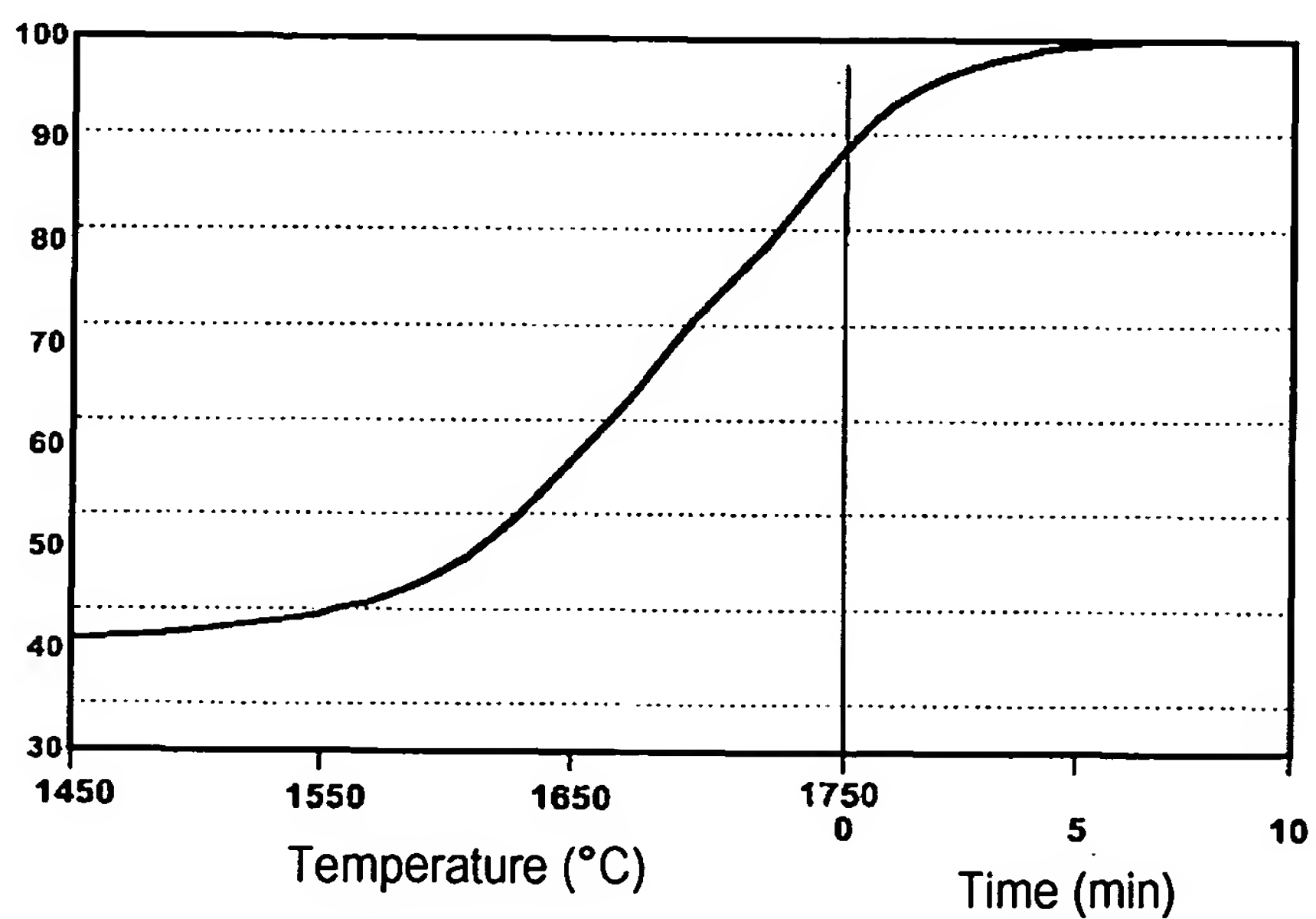


FIG.6